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UNITED STATES DEPARTMENT OF AGRICULTURE

Agricultural Marketing Service

In cooperation with

NEW YORK STATE DEPARTMENT OF AGRICULTURE AND MARKETS

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APPLE MANUFACTURES

THE USE OF APPLES IN CIDER MILLS

EVAPORATORS AND CANNERIES IN NEW YORK STATE

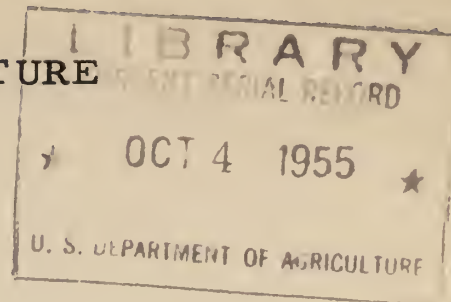
1943-54

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Albany, New York

July 1955



APPLE MANUFACTURES 1943-54

This report presents statistics on the apple manufacturing industry in New York State for each crop year from 1943 through 1954.

New York State processors received 9.9 million bushels of apples at their plants in 1954 - almost two-fifths more than in 1953. Less than 1 percent of the total receipts of apples came from outside New York.

Five-eighths of the apples used for processing went into canned apples and applesauce, including baby food; nearly 30 percent were pressed for cider, and drying, freezing, and other products accounted for the rest. Statistics for the industry engaged in daily preparation and shipment of fresh sliced apples to pie bakers are included here only when this operation is carried on in or near the apple producing areas. In New York City (for which data on fresh slicing are not included) this industry has reached a high state of development, using open-market or contract purchases of apples throughout the year.

There were 226 plants making cider and other products during the 1954 season, compared with 230 in 1953. With the exception of the canneries, there has been a declining trend during the last two decades in the number of establishments processing apples.

The apple manufacture information in this publication has been gathered from processors, mainly by mailed questionnaire supplemented by estimates for a few small concerns from which reports were not received.

Cordial appreciation is expressed for the generous cooperation of the people in the apple processing industry whose reports have made this summary possible.

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Agricultural Statistician In Charge

Table 1. Receipts and utilization of apples at manufacturing plants, New York, crops of 1943-54

	:	:	Receipts from other :	:	
Crop	:	:	states and Canada :	Used for cider :	Used for canning
year	:	Net receipts <u>1/</u>	(included in pre-	and apple juice :	or applesauce
	:	:	ceding column) :	:	:
<hr/>					
			<u>Bushels</u>		
1943	5,611,300	98,400	3,037,900	1,865,400	
1944	7,607,800	479,400	4,278,800	2,010,200	
1945	1,418,000	806,500	873,000	440,800	
1946	8,723,800	495,100	4,364,400	3,595,500	
1947	6,214,000	99,100	2,920,000	2,839,800	
1948	4,552,000	173,600	1,788,300	2,271,000	
1949	8,877,200	24,300	3,806,000	4,289,500	
1950	9,676,800	67,000	3,122,500	5,472,700	
1951	7,165,900	17,200	2,114,500	4,220,400	
1952	5,799,700	295,100	1,550,300	3,669,000	
1953	7,171,000	314,200	1,940,700	4,484,500	
1954	9,919,300	39,300	2,839,100	6,231,000	

Table 1. - Receipts and utilization of apples at manufacturing plants, New York crops of 1943-54 - continued

Crop :	Used for :	Used for :	Used for other
year :	drying :	freezing 2/ :	products 3/
<u>Bushels</u>			
1943	502,400	113,800	91,800
1944	441,100	577,400	300,300
1945	-	76,800	27,400
1946	114,900	459,400	189,600
1947	108,800	191,500	153,900
1948	39,600	169,600	283,500
1949	221,700	347,500	212,500
1950	260,900	510,100	310,600
1951	277,400	266,300	287,300
1952	28,900	318,900	232,600
1953	55,200	297,400	393,200
1954	145,200	435,300	268,700

^{1/} Apples received at a plant and then transferred to another plant for processing are included only in plant where processed. One bushel is assumed to equal 48 pounds.

^{2/} Frozen apples were first asked separately in 1944. The 1943 total for this item as published may be incomplete.

^{3/} Among other products for which these apples were used are jelly, apple butter, mincemeat, and fresh sliced apples for pies in upstate areas. Included also are small amounts of loss and shrinkage and some apples sorted out for sale as fresh fruit.

Table 2. - Cider and dried apple products made, New York, from crops 1943-54

Crop year	Cider and juice pressed :	Dried apples :	Dried apple chops :	Dried skins and cores :	Dried pomace :
	<u>gallons</u>	<u>pounds</u>	<u>pounds</u>	<u>pounds</u>	<u>pounds</u>
1943	14,188,100	2,736,200	233,400	649,800	758,000
1944	19,725,300	2,489,700	194,000	536,100	1,168,000
1945	3,565,900	-	-	-	67,000
1946	19,103,000	721,100	67,000	151,000	1,570,000
1947	13,230,400	648,600	-	-	720,500
1948	7,714,200	265,500	-	-	3,044,200
1949	19,695,500	1,341,300	58,800	-	5,630,000
1950	18,614,200	1,363,000	190,000	-	4,605,900
1951	12,739,600	1,565,500	28,600	-	4,630,400
1952	10,248,300	181,400	1/	-	2,507,400
1953	12,233,200	359,100	1/	-	1,592,700
1954	17,151,800	891,900	1/	-	932,300

1/ Included with dried apples.

Table 3. - Average price paid for apples, by type of manufacturing plant, New York, 1943-54 1/

Crop year	Average price paid for apples by			
	Cider mills	Evaporators	Canners & freezers	All plants
	<u>Dollars per 100 pounds</u>			
1943	1.13	2.86	3.12	2.12
1944	1.04	2.96	3.21	2.06
1945	2.77	-	6.69	4.40
1946	1.21	1.88	3.91	2.57
1947	.67	.89	2.58	1.72
1948	1.09	1.22	2.87	2.16
1949	.51	.77	1.85	1.25
1950	.58	1.17	2.66	1.95
1951	.58	.76	1.40	1.13
1952	1.24	1.50	3.34	2.77
1953	1.48	2.63	4.44	3.59
1954	.92	1.71	3.70	2.86

1/ The 1951, through 1954 prices are weighted by the quantities of apples used by the individual plants within each district as well as by the importance of the several districts. For earlier years the averages of prices as reported were weighted by the importance of the several districts.

Table 4. - Receipts and utilization of apples, by type of manufacturing plant, New York, crops of 1953 and 1954

Item	Cider Mills		Other processors		All plants	
	1953	1954	1953	1954	1953	1954
	Bushels					
Receipts:						
Net 1/	1,405,600	2,582,500	5,765,400	7,336,800	7,171,000	9,919,300
From other States (included above)	19,500	27,800	294,700	11,500	314,200	39,300
Utilized for:						
Cider and juice	1,405,600	2,582,500	535,100	256,600	1,940,700	2,839,100
Canning and apple sauce	-	-	4,484,500	6,231,000	4,484,500	6,231,000
Drying	-	-	55,200	145,200	55,200	145,200
Freezing	-	-	297,400	435,300	297,400	435,300
Other products 2/	-	-	393,200	268,700	393,200	268,700

1/ Apples received at a plant and then transferred to another plant for processing are included only for the plant where processed.

2/ In addition to other products this amount includes small quantities of loss and shrinkage and some apples sorted out for sale as fresh fruit.

Table 5.- Apples received and cider and juice made, by district and type of plant, New York, crops of 1953 and 1954

District and year	Apples received at		Cider and juice made at	
	: Cider mills	: Other processors	: Cider mills	: Other processors
	Bushels		Gallons	
Ontario:				
1953	643,100	4,745,800	5,388,900	5,040,500
1954	1,462,700	6,574,400	8,037,100	10,768,100
				3,448,700
				2,109,000
				8,489,200
				12,877,100
Mid-western:				
1953	32,700	205,800	238,500	118,600
1954	61,900	215,500	277,400	221,400
				-
				-
				118,600
				221,400
Hudson:				
1953	573,400	168,900	742,300	2,118,700
1954	636,600	135,500	772,100	2,392,900
				2/
				-
				2,118,700
				2,392,900
Champlain:				
1953	7,400	-	7,400	22,500
1954	6,100	-	6,100	18,600
				-
				-
				22,500
				18,600
Other:				
1953	149,000	644,900	793,900	1,484,200
1954	415,200	411,400	826,600	1,641,800
				2/
				-
				1,484,200
				1,641,800
State:				
1953	1,405,600	5,765,400	7,171,000	8,784,500
1954	2,582,500	7,336,800	9,919,300	15,042,800
				3,448,700
				2,109,000
				12,233,200
				17,151,800

1/ Districts used in this publication include counties as listed below:

- Ontario District - Niagara, Orleans, Monroe, Wayne.
- Mid-western District - Erie, Genesee, Wyoming, Livingston, Ontario, Yates, Seneca, Tompkins.
- Hudson District - Columbia, Dutchess, Putnam, Westchester, Greene, Ulster, Orange, Rockland.
- Champlain District - Clinton, Essex.
- Other districts - All counties not included above.

2/ Included with cider mills to prevent disclosure of individual operations.

Table 6.- Apple manufacturing plants in operation and establishments making specified products, New York, crops of 1943-54

Crop year	Plants in operation	Plants making 1/			
		Cider and juice	Canned 2/ apple products	Frozen apple products	Dried apple products
1943	283	243	21	3/	33
1944	300	250	20	16	30
1945	63	56	3	4	2
1946	261	221	23	14	13
1947	293	244	25	9	15
1948	249	212	24	6	12
1949	285	244	24	8	19
1950	265	222	25	8	21
1951	247	202	23	7	21
1952	219	180	23	8	9
1953	230	193	26	5	5
1954	226	182	24	11	11

1/ The total of the establishments making specified products may exceed the number in operation, because a plant may make more than one of the listed products.

2/ Includes canned apple slices, applesauce, baby food, etc.

3/ Not available.

Table 7.- Apples received from other States and Canada at New York processing plants, crops of 1953 and 1954

	1953	1954
	Bushels	
<u>Region of origin</u>		
North Atlantic States	69,000	32,500
South Atlantic States	-	900
North Central States	138,900	700
Canada	106,300	-
Unknown	-	5,200
Total	314,200	39,300
<u>District in New York in which received 1/</u>		
Ontario	194,300	1,800
Mid-western	45,100	3,400
Hudson	19,600	7,600
Other	55,200	26,500
Total	314,200	39,300

1/ For counties included in each district see table 5, footnote 1.